





DIGITAL DELIVERY

A PRESENTATION ON BASIC PRINCIPLES OF DIGITAL SIGNATURE FOR
FDOT PROJECT DELIVERY



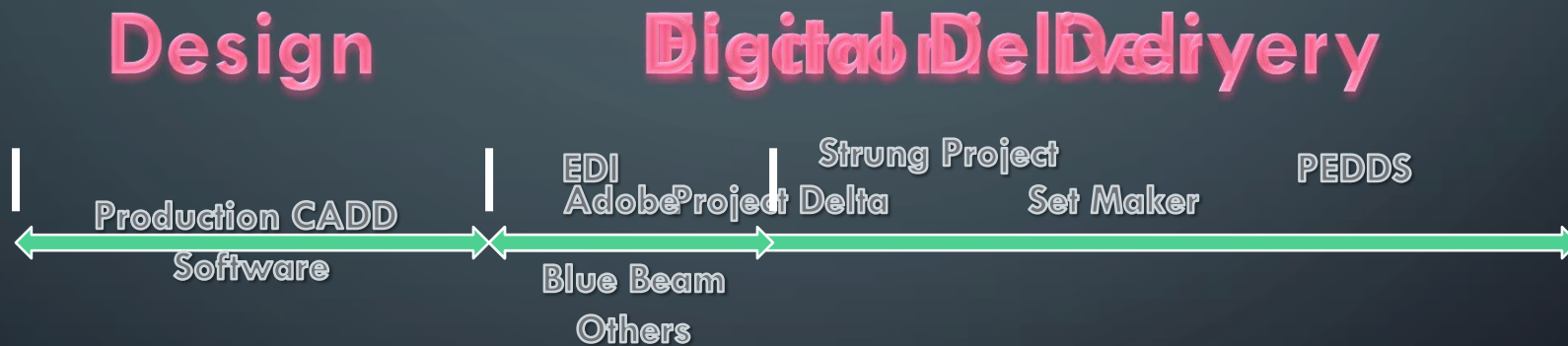
DIGITAL DELIVERY AT FDOT

- What's Different & Why the Change?
 - Acquisition and Management of a Digital Certificate
 - The Digital Signature and the Digital Appearance
- 
- 

WHY THE CHANGE?

- Effort to produce electronic delivery
- Training and learning curve
- Software maintenance
- PKI prevalence - ubiquitous
- Ease of use

WHY THE CHANGE?



CHANGE IS CERTAIN!



Florida Department of Transportation

RICK SCOTT
GOVERNOR


605 Suwannee Street
Tallahassee, FL 32399-0450

ANANTH PRASAD
SECRETARY

OFFICE OF DESIGN MEMORANDUM 14-01

DATE: April 21, 2014

TO: District Directors of Transportation Operations, District Directors of Transportation Development, District Design Engineers, District Program Management Engineers and District Construction Engineers

FROM: Duane Brautigam, P. E., Director, Office of Design 



COPIES: Brian Blanchard, Tom Byron, Bob Crim, Bruce Dana, John Krause, Kurt Lieblong, Michael Shepard, Robert Robertson, David Sadler, Trey Tillander, Rudy Powell, Greg Schiess, Juanita Moore, Chad Thompson (FHWA), Felix Delgado (FHWA), and Nick Finch (FHWA)

SUBJECT: **Sunset of Classical Electronic Delivery for FDOT Project Lettings**

This bulletin changes the Department's policy for project delivery and requires Digital Delivery to be used instead of Electronic Delivery for all FDOT project lettings after June 30, 2015.



DIGITAL DELIVERY AT FDOT

- What's Different & Why the Change?
 - Acquisition and Management of a Digital Certificate
 - The Digital Signature and the Digital Appearance
- 
- 

ACQUISITION AND MANAGEMENT OF A DIGITAL CERTIFICATE

FDOT Employees

 **Automated Access Request Form** Logged in as COIRD964QT (Currently Assigned to Central Office)

[Home](#) [Create Request](#) [Pending Requests](#) [Search](#) [Help](#)

Welcome to the Florida Department of Transportation's Computer Security Automated Access Request Form (AARF) system.


This system was designed to automate computer security access requests, approvals, and authorizations. The Computer Security Administration (CSA) office is charged with coordinating and administering statewide computer security policies, procedures, and standards. Strict guidelines are enforced for requesting access to the Department's networks and resources. This system was developed so that CSA can quickly respond and coordinate access requests to all of the diverse systems, while maintaining the Department's compliance with regulatory requirements.

If you need to request access to any of the Department's systems, please select the appropriate access request, listed above, and continue into the Automated Access Request Form system.


-- Computer Security Team.

 This site is maintained by the Office of Information Systems.
Report suggestions, comments or errors to:
[FDOT Security Feedback](#)
or FDOT.ServiceDesk@dot.state.fl.us.

Consultants

 Home | My Account | Contact Us Search HAVE A QUESTION? Ask LIVE ONLINE

[Home](#) [Company](#) [Solutions](#) [Certificates](#) [Partner](#) [Library](#) [Support](#) [IdenTrustSSL.com](#)

 **One Identity. Multiple Uses.**
Authentication. Electronic Signatures. Encryption.

Solutions for: **BANKS** **CORPORATES** **GOVERNMENT**

COMPANY DESCRIPTION
IdenTrust is the global leader in trusted identity solutions, recognized by global financial institutions, government agencies and corporations around the world. IdenTrust enables organizations to effectively manage the risks associated with identity authentication, work interoperably with countries around the world, minimize investment in creating their own policies and legal frameworks, and deploy a spectrum of products insuring trust, smarter, faster, and more cost effectively.

SOLUTIONS

- Global Identity Network
- Managed PKI Hosting Services
- Electronic Bank Account Management
- eSignature Solutions / Electronic Document Signing
- Man-in-the-Browser Portable Identity Protection
- Individual Level Signing of Payment Files
- Eliminating Paper Based Forms and Processes
- IdenTrust Community Bank PKI [PDF]

IN THE NEWS

- IdenTrust, Part of HID Global, Enables ScriptRx to Certify Electronic Prescription Application to Meet Federal Healthcare Standard - April 9, 2014
- IdenTrust joins HID Global in exhibiting at the Cards & Payments Middle East 2014 Conference in Dubai, May 13 - 14, 2014 - booth #D40
- HID Global Acquires IdenTrust to expand its Leadership Position in Secure Identity Solutions - January 20, 2014





CUSTOMER STORIES

- The City of Tallahassee Leads the Way to a Greener Environment with IdenTrust's ACES Digital...

GET YOUR DIGITAL CERTIFICATES

- [BUY](#) DOD PKI ECA
- [BUY](#) ACES Business Representative
- [BUY](#) ACES Unaffiliated Individual
- [BUY](#) ACES SSL
- [BUY](#) ACES VPN IPSEC Client
- [BUY](#) TrustID SSL Server
- [BUY](#) TrustID Personal
- [BUY](#) NEW SPOT


CERTIFICATE MANAGEMENT CENTER


© 2014 IdenTrust, Inc. All Rights Reserved [Home](#) [Contact Us](#) [Legal Policies](#)   [Follow us:](#)  

ACQUISITION AND MANAGEMENT OF A DIGITAL CERTIFICATE

<http://infonet/>

[Home](#) | [Agency Directory](#) | [Internet](#) | [Offices](#) | [Search](#)

 **INFONET**




Agency Resources


- [Awards and Special Events](#)
- [Emergency Information](#)
- [Executive Meetings](#)
- [Executive Management Team](#)
- [Forms, Policies and Procedures](#)
- [Mission, Vision, Values](#)
- [Performance Management](#)
- [Templates](#)
- [Training and Development](#)

Secretary's Corner

- [Innovators! Team](#)
- [Secretary's Podcast](#)
- [Step-Up Resources](#)
- [Town Hall Webinar](#)

Latest From Twitter




 **dan tracy** @dltracy 1h

Who needs a car? Millennials like bikes and walking more. [fw.to/6hskh4V](#)

Retweeted by Ananth Prasad, PE

Show Summary

 **FLORIDA DOT** @MyFDOT 17h

#Vousia #bike trails lengthen as more are linked together including @railstotrails paths & Coast-to-Coast Connector [news-journalonline.com/article/201410...](#)

Expand



 **Daylight Savings Time ends at 2:00 a.m. on Sunday, November 2.**

Employment

- [Insurance and Benefits](#)
- [Job Vacancies](#)
- [Payroll Information](#)
- [People First Resources](#)
- [State Holidays](#)
- [More...](#)

News

- [Daily Clips / DOTNEWS](#)
- [FDOT / District Newsletters](#)
- [OIG Examiner](#)
- [Safety Advisor](#)
- [Security Newslane](#)
- [More...](#)

Technology

- [Application / Web Development](#)
- [E-Mail / File Sharing](#)
- [Enterprise Applications](#)
- [Enterprise Information Portal](#)
- [Mainframe](#)
- [More...](#)

Other Resources

Business <ul style="list-style-type: none">Contracts/ServicesPurchasing CardState Contract SearchTravelWork Activity CodesMore...	E-Forms <ul style="list-style-type: none">Computer Access (AARE)Computer Software (ISRR)Correspondence (FDOTracker)Publications RegistryPublic Meeting NoticesMore...	Legal <ul style="list-style-type: none">ClaimsContactsFL Administrative CodeFlorida StatutesPublic RecordsMore...	Legislative <ul style="list-style-type: none">ContactsCurrent LegislationLegislative OverviewState LegislatorsState RepresentativesMore...
---	---	---	--

ACQUISITION AND MANAGEMENT OF A DIGITAL CERTIFICATE

FDOT Employees

<http://infonet.dot.state.fl.us/officeofinformationsystems/Applications.htm>

The screenshot displays the FDOT Automated Access Request Form interface. The top navigation bar includes the FDOT logo and the title 'Automated Access'. A dropdown menu is open, showing options: 'Create Request', 'New User / Account', 'Name Change', 'Access Change', 'Transfer', 'Termination', and 'Other Request Types'. The main content area is titled 'Automated Access Request Form' and shows the 'Selected Request Type: AccessChange for'. A red arrow points to the 'Digital Signature Certificate' checkbox under the 'Statewide Access Items' section. Other checkboxes include 'FLAIR Additional Property CID', 'PBVIEWS - Performance Measurement (DO NOT USE AS OF 10/23/13)', 'EDMS - Loading DOC (Business Area)', 'FLAIR CITS', 'PCM - Cost Transfer', and '(A) Personal Device - Agreement' and '(B) Personal Device Connection'.

<http://www.dot.state.fl.us/construction/forms/ElectronicSubmit/DigitalCertificatesGuide.pdf>

An abstract graphic on the left side of the slide, consisting of a network of thin, light-blue lines and small circles, resembling a circuit board or a digital data flow. The lines are vertical and horizontal, with some diagonal connections, and the circles are placed at various points along these lines.

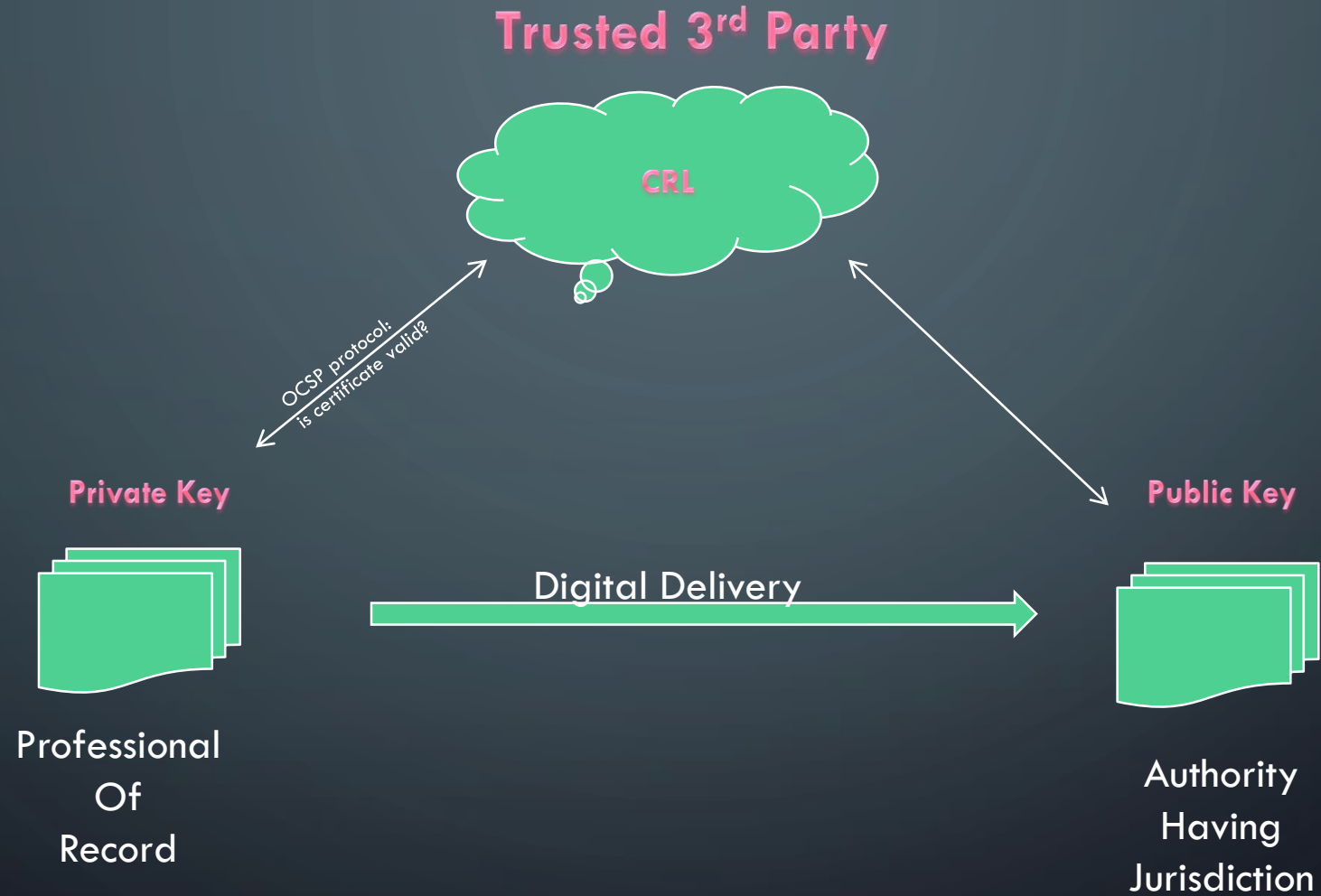
THE DIGITAL CERTIFICATE

THE STUFF THEY DIDN'T TELL YOU

ACCESS CERTIFICATES FOR ELECTRONIC SERVICES (ACES)

- ACES program - created and sponsored by the GSA
- Facilitate secure on-line access to information and services through PKI and digital signature technology
- Business-2-Government , Consumer-2-Government Transactions.
- “Real Time” validation
- Digital Signatures on electronically produced documents and forms which are non-reputable.

DIGITAL SIGNATURE





THE DIGITAL CERTIFICATE

- Certificate security
 - Keep password safe
 - Never share!
 - Keep back-up in a secure location
- How to move a certificate – Import & Export
 - File type
 - Always set security on “High”
 - Always scrub an unused workstation.
 - Compromised certificate.



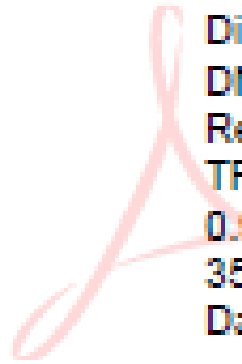
DIGITAL DELIVERY AT FDOT

- What's Different & Why the Change?
 - Acquisition and Management of a Digital Certificate
 - The Digital Signature and the Digital Appearance
- 
- 

APPEARANCE

Standard Text Signature – This is the generic “out-of-the-box” appearance that is applied by Adobe Standard software.

Steve Q
Tillman



Digitally signed by Steve Q Tillman
DN: c=US, o=IdenTrust ACES Business
Representative, ou=FLORIDA DEPARTMENT OF
TRANSPORTATION, cn=Steve Q Tillman,
0.9.2342.19200300.100.1.1=A010980000001413
353758D0000ADB1
Date: 2014.05.16 16:44:02 -04'00'

APPEARANCE

Plan Text Signature – This is the signature appearance that is applied to FDOT plan sets.

Steve Q
Tillman

2014.05.16
16:44:46 -04'00'

APPEARANCE

Wet Ink Signature – This signature appearance contains a scanned image of a wet-ink signature. This one may be used to sign correspondence such as memos, email, etc.



Steve Q Tillman

I am the author of this
document

2014.05.16 16:45:13 -04'00'

APPEARANCE

Wet Ink Signature with Seal – This signature appearance contains a scanned image of an embossed seal over a wet-ink signature. This one may be used to sign correspondence such as memos, email, etc.



Steve Q Tillman

By placing this digital certificate I intend
to apply my professional signature and
seal to this document according to the
rules of the Florida Department of
Business and Professional Regulation,
Board of Professional Engineers, Rule
61G15-23.003 F.A.C.

2014.05.16 16:45:57 -04'00'



DIGITAL DELIVERY

QUINTON TILLMAN P.E.

FLORIDA DEPARTMENT OF TRANSPORTATION

ENGINEERING /CADD SYSTEMS OFFICE

EMAIL: QUINTON.TILLMAN@DOT.STATE.FL.US

WEB: [HTTP://WWW.DOT.STATE.FL.US/ECSSO](http://WWW.DOT.STATE.FL.US/ECSSO)

PHONE: 850 414 4894